

Product datasheet for **MR222943**

Emx1 (NM_010131) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Emx1 (NM_010131) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Emx1
Synonyms: MGC129284; MGC129285
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >MR222943 representing NM_010131
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTTCCAGCCCAGCGCTAAGCGGGTTTCACCATAGAGTCCTTGGTGGCCAAGGATGGTGGCACCAGCGG
 GGAGTCTGGCAGCGGGGCGCGGGCTCCCATCCACTGGCTGTGGCCGCATCAGAGGAACCGCTCAGGCC
 CACGGCGCTCACTATCCTCACCCAGTGCAGCCGAGACGGCCTTCGTGAGTGGCTTCCCTGCCGTGCC
 GCTGCGGGCGCCGCGCTCGTCTATGGAGGGCCGAGCTGGTGTCCAGAGGCCATGAACCACCGG
 CTCTGACGGTGCACCCGGCACACCAGCTGGGCTCCTCCTCGTGAACCCCTCACTCTTTCTTCAGCGC
 CCAGCATCGGGACCCTCTCCACTTCTACCCCTGGGTGCTTCGGAATCGCTTCTTTGGCCACCGCTTCCAG
 GCAAGCGACGTTCCCGAGACGGGCTGCTTTTGCACGGGCCCTTCGCACGCAAGCCCAAGCGGATTCCGA
 CAGCCTTCTCGCCCTCGCAGCTGCTGCGGCTGGAGCGAGCCTTTGAGAAGAATCACTACGTGGTGGGAGC
 CGAGCGGAAGCAGCTGGCAGGCAGCCTCAGCCTCTCCGAGACGCAGGTGAAGGTGTGGTTCCAGAATCGG
 AGGACAAAATACAAACGGCAGAAGCTGGAAGAGGAAGGGCCGGAGTCTGAGCAGAAGAAGAAGGGTTCC
 ACCATATCAACCGGTGGCGCATCGCCACGAAGCAGGCCAACGGGGAGGACATTGATGTCACTCCAATGA
 C

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA



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Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

RefSeq: [NM_010131.2](#), [NP_034261.1](#)

RefSeq Size: 1188 bp

RefSeq ORF: 774 bp

Locus ID: 13796

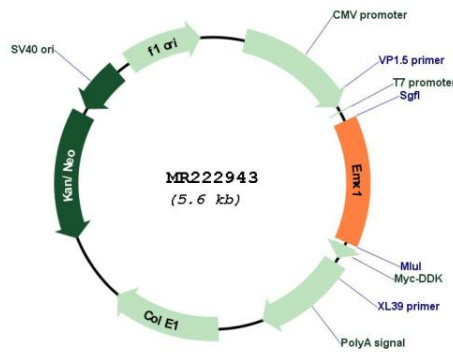
UniProt ID: [Q04742](#)

Cytogenetics: 6 37.21 cM

MW: 28.6 kDa

Gene Summary: Transcription factor, which in cooperation with EMX2, acts to generate the boundary between the roof and archipallium in the developing brain. May function in combinations with OTX1/2 to specify cell fates in the developing central nervous system.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR222943